

Student Learning Outcomes

Auto-2009

Five College Learning Outcomes:

1. Written, Oral and Visual Communication: *Communicate effectively in writing, orally and/or visually using traditional and/or modern information resources and supporting technology.*

2. Scientific and Quantitative Reasoning: *Locate, identify, collect, and organize data in order to then analyze, interpret or evaluate it using mathematical skills and/or the scientific method.*

3. Critical Thinking: *Differentiate between facts, influences, opinions, and assumptions to reach reasoned and supportable conclusions.*

4. Problem Solving: *Recognize and identify the components of a problem or issue, look at it from multiple perspectives and investigate ways to resolve it.*

5. Information Literacy: *Formulate strategies to locate, evaluate and apply information from a variety of sources - print and/or electronic.*

I. Degrees and Certificates

1. What degrees and certificates does your discipline offer?

A.S. in Automotive Technology: Chassis Repair Technician, A.S. in Automotive Technology: Electrical/Performance Technician, A.S. in Automotive Technology: Emissions/Performance Technician, A.S. in Automotive Technology: Master Repair Technician, Occupational, Automotive Technology: Chassis Repair Technician Certificate of Achievement, Automotive Technology: Electrical/Performance Technician Certificate of Achievement, Automotive Technology: Emissions/Performance Technician Certificate of Achievement, Automotive Technology: Master Repair Technician Certificate of Achievement, Automotive Service Advisor Skills Certificate, Brakes and Suspension Skills Certificate, Drive Trains Skills Certificate, Electrical/Performance Skills Certificate, Emissions Skills Certificate, Engine Repair Skills Certificate, and Heating and Air Conditioning Skills Certificate.

2. Keeping in mind the five College Learning Outcomes above as well as what your discipline specifically requires of your graduating students, what should students be able to do when they have completed your discipline's requirements for each degree or certificate?

~ The first program level is a fundamentals program. The students in this level explore the automotive repair and service industry to learn the operation of automobiles and light duty trucks and determine if the automotive repair and service industry might be a career choice.

~ The second program level is for students who have chosen the automotive repair and service industry as a career. In this program they learn the skills necessary to obtain entry level employment in any one of or all eight of the specialty areas of the industry. Students also learn skills which enable them earn State Licenses or Certification. Students work toward earning a Certificate of Achievement and/or Associate of Science in Automotive Technology.

~ The third program level is for the working professional. This program provides the students with update training to maintain their State License and the skills required to stay current in the changing and complex technology of the automotive repair and service industry. Students also learn new skills which enable them to advance in their career by earning State Licenses or Certification. automobiles today and in the future. ~ All Program Levels stress personal safety, environmental safety, craftsmanship and ethics.

3. How do students in your program demonstrate that they meet each of the college-wide learning outcomes? What courses, activities, and/or projects are students required to complete that relate to

each outcome?**i. Written, Oral and Visual Communication**

Automotive Technicians must document the results of diagnostic procedures performed to justify repairs made to vehicles. The documentation must be stated in a clear easy to follow statement. Students demonstrate these skills by completing repair orders and worksheets.

ii. Scientific and Quantitative Reasoning

Students analyze, diagnose, apply principles, anticipate problems and solve unfamiliar problems.

iii. Critical Thinking

Students analyze, diagnose, apply principles, anticipate problems and solve unfamiliar problems.

iv. Problem Solving

Students analyze, diagnose, apply principles, anticipate problems and solve unfamiliar problems.

v. Information Literacy

Students use online Service and Repair databases to locate specifications, repair procedures and diagnostic procedures.

II. General Education:**1. Does your discipline offer any classes which count for general education requirements?**

No

2. Which General Education courses in your discipline address the each of the five College Learning Outcomes? Please list courses for each of the following:**i. Written, Oral and Visual Communication****ii. Scientific and Quantitative Reasoning****iii. Critical Thinking****iv. Problem Solving****v. Information Literacy****III. Course Level Outcomes:****1. Do all of your Course Outlines of Record include Student Learning Outcomes? If not, are you revising them?**

YES

2. What percentage of faculty members in your discipline include SLOs in their course syllabi?**3. Assessment:****i. How often do you assess these SLOs?**

Yearly

3. Assessment:**ii. In the last two years every discipline developed SLOs specifically related to College Learning Outcome #3: Critical Thinking. Have you assessed this or any of the stated Student Learning Outcomes in your course outlines over the last year? If so, please summarize the results.**

Because the program has been in a temporary facility that is totally inadequate SLO's have not been assessed and will not be assessed until the modernized facility is at full functionality.

3. Assessment:

iii. What improvements have you made or do you plan to make in the future?

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3. Assessment:

iv. What do you plan to assess this year? Who will you assess? How will you assess?

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